

Claims

- [1] An installation method of an optical fiber composite electric power cable, comprising:
installing an electric power cable including a conductor and an air-blown installation tube therein at an installation region;
connecting tubes of adjacent electric power cables to each other, in an electric power cable connection box; and
installing an optical fiber unit into the connected tubes by air pressure.
- [2] The installation method of an optical fiber composite electric power cable according to claim 1,
wherein the air-blown installation tube has a spirally wound structure along a length direction of the electric power cable.
- [3] A cable structure used for installing an optical fiber composite electric power cable, comprising:
a conductor for electric power transmission;
an insulator surrounding the conductor;
an air-blown installation tube provided out of the insulator; and
a corrosion-protective layer provided to an outermost layer of the cable.
- [4] The cable structure according to claim 3,
wherein the air-blown installation tube is spirally wound along a length direction of the electric power cable.
- [5] The cable structure according to claim 3, further comprising tube protecting bodies contacting with both sides of the air-blown installation tube.
- [6] The cable structure according to claim 5,
wherein the tube protecting bodies are made of material having lower strength than the air-blown installation tube.
- [7] The cable structure according to claim 6,
wherein the tube protecting bodies are made of paper or plastic.
- [8] The cable structure according to claim 3, further comprising a wire shield disposed at regular intervals in the same layer as the air-blown installation tube.